

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	13	(US-20070035308-\$ or US-20060228402-\$ or US-20060251709-\$ or US-20040120854-\$ or US-20030146091-\$ or US-20030098248-\$ or US-20030052002-\$ or US-20020144905-\$).did. or (US-6863833-\$ or US-H000201-\$ or US-7201836-\$ or US-6758961-\$ or US-6932893-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/12 13:15
L3	13	2 and ((lipid bilayer)near2 membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:06
L4	1	3 and ((decreas\$3 reduc\$3 drop\$4 )near5 pressure near10 ((bottom lower)near3 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:07
L5	3254	((decreas\$3 reduc\$3 drop\$4 )near5 pressure near10 ((bottom lower)near3 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:07
L6	16078	((lipid bilayer)near2 membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:08
L7	12	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:13
L8	11	7 and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:13

## EAST Search History

L9	15	(US-20070035308-\$ or US-20060228402-\$ or US-20060251709-\$ or US-20040120854-\$ or US-20030146091-\$ or US-20030098248-\$ or US-20030052002-\$ or US-20020144905-\$).did. or (US-6863833-\$ or US-H000201-\$ or US-7201836-\$ or US-6758961-\$ or US-6932893-\$ or US-6562604-\$ or US-6300108-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/12 14:23
L10	1	9 and ((spacer interval)near10(chang\$3 near5 (interval space distance )))and elastic	US-PGPUB; USPAT	OR	ON	2007/05/12 14:25
L11	2512	((spacer interval)near10(chang\$3 near5 (interval space distance )))and elastic	US-PGPUB; USPAT	OR	ON	2007/05/12 14:25
L12	17	6 and 11	US-PGPUB; USPAT	OR	ON	2007/05/12 14:31
L13	11157	(spacer interval)near7 (expand\$3 contract\$3 elastic\$3)	US-PGPUB; USPAT	OR	ON	2007/05/12 14:32
L14	8	6 and 13	US-PGPUB; USPAT	OR	ON	2007/05/12 14:32
S1	2	"20070035308"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 15:44
S2	2875	(324/71.1,71.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 17:27
S3	2191	(324/439,444,450,464).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 17:27
S4	4904	S2 S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 17:27

## EAST Search History

S5	6	S4 and ((lipid bilayer)near2 membrane).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/12 14:08
S6	101	((lipid adj bilayer)near2 membrane).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:32
S7	0	S6 and (upper and lower)adj chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:32
S8	406298	(measur\$4 determin\$4 calculat\$3)near5 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:32
S9	20	S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:52
S10	50	Toru near ide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:48
S11	35	toshio near yanagida	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:48
S12	6790	(ion adj channel)same (membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:53

## EAST Search History

S13	1567	S8 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:53
S14	404	S13 and ((lipid bilayer)near2 membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:54
S15	35	S14 and (chamber same membrane same support\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 17:55
S16	12	(US-20070035308-\$ or US-20060251709-\$ or US-20060228402-\$ or US-20040120854-\$ or US-20030146091-\$ or US-20030098248-\$ or US-20030052002-\$ or US-20020144905-\$).did. or (US-6863833-\$ or US-H000201-\$ or US-7201836-\$ or US-6758961-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/05/10 18:32
S17	11	S16 and (measur\$3 near3 current)and ((lipid bilayer )adj membrane)	US-PGPUB; USPAT	OR	ON	2007/05/10 18:04
S18	3	S17 and ((upper lower bottom)adj chamber)	US-PGPUB; USPAT	OR	ON	2007/05/10 18:04
S19	1071	(204/403.01-403.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 18:32
S20	939	(205/777.5,778).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 18:33

## EAST Search History

S21	4205	((436/151) or (424/450)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 18:33
S22	10787	S4 S19 S20 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 18:41
S23	331	S22 and (current near3 current)with measur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 18:34
S24	19	S23 and (membrane with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 18:37
S25	40	(horst near vogel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 18:37
S26	7964	S4 S19 S20 S21	US-PGPUB; USPAT	OR	OFF	2007/05/10 18:41
S27	122	S26 and ((lipid bilayer)adj membrane).clm.	US-PGPUB; USPAT	OR	ON	2007/05/10 18:42
S28	2	S27 and (chamber with support\$3). clm.	US-PGPUB; USPAT	OR	ON	2007/05/10 18:42
S29	14	S27 and (ion near5 current)	US-PGPUB; USPAT	OR	ON	2007/05/10 18:43